



PATENT
(5500-91600/TT5403)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/700,033
Filed: November 3, 2003
Inventors:
Gregory William Smaus
Mitchell Alsup

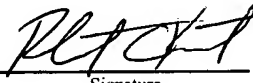
Examiner: Johnson, Brian P
Group/Art Unit: 2183
Atty. Dkt. No: 5500-91600

Title: Instruction Cache Prefetch
Based on Trace Cache
Eviction

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Robert C. Kowert

Printed Name


Signature

Sep 20 2006
Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449.

- ☒ A copy of each required reference listed on the Form PTO-1449 is enclosed.
- ☐ The references listed on the Form PTO-1449 were previously cited in application serial no. _____ to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- ☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
- ☐ before the mailing date of a first Office Action on the merits; or
- ☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.

- b. ☒ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☒ a fee of \$180.00 (authorized below).
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Statement; or
- ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three (3) months prior to the filing of the Statement.
- ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement;
3. For each non-English language reference listed on the attached Form PTO-1449:
- ☐ reference is made to an English language translation submitted herewith, and/or
- ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
- ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or
- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
4. ☐ Applicant also offers the following comments for the Examiner's consideration:
5. ☐ Also enclosed is a copy of a foreign search report citing these references.
6. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application

not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.

7. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5500-91600/RCK.

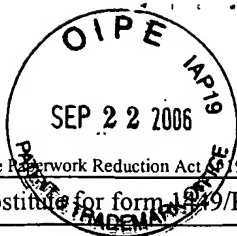
Respectfully submitted,



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Date: Sep. 20, 2006



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1849/PTO Modified	Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number 10/700,033
	Confirmation No.: 3398
	Filing Date: November 3, 2003
	First Named Inventor: Johnson, Brian P
	Art Unit: 2183
Examiner Name: Cody, Dillon J.	
Attorney Docket Number: 5500-91600	

Sheet 1 of 2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM- DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code (if known)			
		US-6,195,744	2/27/01	Favor, et al.	
		US-5,881,261	3/9/99	Favor, et al.	
		US-5,896,528	4/20/99	Katsuno, et al.	
		US-6,014,742	1/11/00	Krick, et al.	
		US-6,493,821	12/10/01	D'Sa, et al.	
		US-2005/0125613	6/05	Kim, et al.	
		US-2004/0216091	10/04	Groeschel	
		US-6,233,678	5/01	Bala	
		US-5,210,843	5/93	Ayers	
		US-6,256,728	7/01	Witt, et al.	
		US-2004/0083352	4/04	Lee	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.	Check if English Translation is attached
	B1	Lai, et al., "Dead-Block Prediction & Dead-Block Correlating Prefetchers," 2001 IEEE, 11 pages.	<input type="checkbox"/>
	B2	Slechta, et al., "Dynamic Optimization of Micro-Operations," 2002 IEEE, 12 pages.	<input type="checkbox"/>
	B3	Jacobson, "High-Performance Frontends for Trace Processors," University of Wisconsin-Madison, 1999, pp. 19, 20, 36, 37, 104-122.	<input type="checkbox"/>
		U.S. Serial No. 10/822,468 Filed 4/12/04, Alsup, et al.	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹Applicant's unique citation designation number (optional).